

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

MPP

Date: 08.05.21	Job No.: 00566	ADR Yes/No: Y	ADR Date: 08.05.21	ECN #: 1191
Product No.: D350-636		Created By: [Signature]	Approved By:	
Product Name: Skidtubes		Checked By: [Signature]	General Manager Approval:	

Distribution	Reqd	Resp	Received
Production Manager	Y	LL	
Production Engineering Coord	Y	DD	
Director Quality Assurance	N		
Customer Order Processing	Y	BG/SB	

Distribution	Reqd	Resp	Received
Customer Technical Support	Y	DSTOW	
Marketing	Y	SW	
Quality	Y	JM	
PROD DOC. CONTROL	Y	JLD	

Reason for Change:
Skidtube not fitting correctly onto crosstube saddle

Documents Affected:
Release: - DSI 9413 Rev A
- D3791 Rev A
- D3793 Rev A
- D3794 Rev A

#	Engineering Actions	Reqd	Resp	Notes	Complete
1	Required Documents/Drawings Under Review	Y	PH		08.05.21 [Signature]
2	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ	Add DSI 9413 for CHG 004 kits	08.05.21 [Signature]
3	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		
4	Update Grey Project Binder	Y	KJ		
5	Move Electronic Files	Y	KJ		
6	Update Master Document List (MDL)	Y	PH		08.05.21 [Signature]
7	Update Document Record (DR) Rev. G	Y	KJ		08.05.21 [Signature]
8	Create/Update Change Record Form	Y	KJ	D350-636-011/-012/-013/-014 NOW @ CHG 004	08.05.21 [Signature]
9	Create/Update PPP's	Y	KJ	D350-636-011/-012/-013/-014 NOW @ CHG 004	08.05.21 [Signature]
10	Update Controlled PDF Files	Y	KJ		
11	Notify TC/FAA of Change	N			
12	Update QSI 021 and/or STC Approval List	N			
13	Update Product Development Summary	N			
14	Update Accpac Database	Y	KJ	See attached, comment 5) (new kits)	08.05.21 [Signature]
15	Update Access (ARC) Database	Y	KJ	See attached, comment 5) (new kits)	08.05.21 [Signature]
16	Update/Verify ARC	Y	KJ		08.05.21 [Signature]
17	Update Paperwork Kits in Production	Y	JLD	See attached, comment 2)	
18	Update Qpulse/Laminated Dwgs	Y	KJ	As required	N/A [Signature]
19	Update Product Compatibility Matrix	N			
20	Create Eurocopter Form (FEE)	N			
21					

#	Production Actions	Reqd	Resp	Notes	Complete
22	Create/Update Coss IPP/BOM	Y	DD	See attached, comment 5), 6)	
23	Update FAI Sheets	N	KJ		
24	Create/Update CNC Programs	Y	DD	Verify .dxf files	
25	Create/Update Tooling	N			
26	Red Tag Stock (Specify)	Y	LL	See attached, comment 1)	
27	Rework/Scrap Current Production and/or Stock	Y	LL	See attached, comment 1), 3)	
28	Update Paperwork Kits in Stock	Y	LL [Signature]	See attached, comment 2) See Item 17 Too	08.05.21 [Signature]
29	Create/Update MPP	N		See who's under drawing no. 9413	26.5.21 [Signature]
30					

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
31	Notify Previous Customers	N			
32	Notify Eurocopter France	N			
33					

Description / Action:
See attached
Item 89 -> DSI 9413-011 CHG 001 & D350-636-045 CHG 001

D350-636-011	Skidtube LH	8	9	1 MAIN	20445	0
				MAIN	36605 CHG003 ✓	1
				MAIN	37806 CHG003 ✓	1
				MAIN	37807 CHG003 ✓	1
				MAIN	38093 CHG003 ✓	1
				MAIN	38094 CHG003 ✓	1
				MAIN	38154 CHG003 ✓	1
				MAIN	38459 CHG003 ✓	1
				MAIN	38540 CHG004	1
				MAIN	38541 CHG003 ✓	1
					<u>9</u>	<u>9</u>

D350-636-012	Skidtube RH	9	10	1 MAIN	20455	0
				MAIN	36224 CHG003 ✓	1
				MAIN	36606 CHG003 ✓	1
				MAIN	38095 CHG003 ✓	1
				MAIN	38096 CHG003 ✓	1
				MAIN	38406 CHG003 ✓	1
				MAIN	38407 CHG003 ✓	1
				MAIN	38544 CHG003 ✓	1
				MAIN	38545 CHG003 ✓	1
				MAIN	38546 CHG003 ✓	1
				MAIN	39295 CHG004	1
					<u>10</u>	<u>10</u>

D350-636-013	Skidtube LH	3	3	0 MAIN	22018	0
				MAIN	33141 CHG002	1
				MAIN	33391 CHG002	1
				MAIN	33392 CHG002	1
					<u>3</u>	<u>3</u>

TO IMPROVE THE INSTALLATION OF OLDER D350-636-011/-012/-013/-014 SKIDTUBES (EQUIPPED WITH STAINLESS WEARPLATES/WEARPADS AND GASKETS) ONTO THE CROSSTUBES, THE FOLLOWING DSI 9413-011 WEARSHOE KIT CAN BE PROCURED FROM DART:

2 skidtube

Qty -011	Part Number	Description
X	DSI 9413-011	WEARSHOE KIT
1	D3791-1	WEARPLATE
1	D3793-1	WEARSHOE
1	D3793-3	WEARSHOE
1	D3794-1	GASKET
1	D3794-3	GASKET
8	D3672-1	WASHER
4	AN526C1032R10	SCREW
4	AN526C1032R18	SCREW

THERE IS A NEGLIGIBLE WEIGHT AND BALANCE CHANGE ASSOCIATED WITH THIS MODIFICATION

TO INSTALL THE DSI 9413-011 KIT, REMOVE THE EXISTING WEARSHOES/GASKETS UNDER THE FWD/AFT SADDLES AND INSTALL NEW WEARSHOES/GASKETS AS SHOWN IN FIGURE 1. PLUG UNUSED HOLES WITH AN526C1032RXX SCREWS AND D3672-1 WASHERS. INSTALL SCREWS WITH SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS 'B2' SEALANT AS SHOWN IN FIGURE 1. **NOTE:** SOME OF THE PREVIOUSLY INSTALLED HARDWARE IS NO LONGER REQUIRED.

636-011	8	1-2-3-4-5-6-7-8	PRELIMINARY ISSUE
636-012	10	1-2-3-4-5-6-7-8-9-10	39287-39294
636-013	3	39191-39192-39193	39295-39304
636-014	4	39189 1-2-3	39305-

ECN11191

39276-

DESIGN		DART AEROSPACE USA, INC	
DRAWN		PORT HADLOCK, WA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9413	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		WEARSHOE INSTALLATION	NTS
DATE	08.05.14	<small>COPYRIGHT © 2008 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

Additional ECN 1191 notes:

- 1) Rework all in stock and in production I.A.W. DSI 9413
- 2) For all kits reworked to DSI 9413, D350-636-011/-012/-013/-014 will now be @ CHG 004. Include DSI 9413 Rev. A as part of paperwork for CHG 004
- 3) For D3793-3 made on 08.05.20 (round holes on end), re-work to match RELEASED D3793-3 Rev. A as required and if possible.
- 4) For D3794-3 gaskets, scrap all made with round holes on end.
- 5) New kits are:

DSI 9413-011 (CHG 001) and D350-636-045 (CHG 001)

New parts are:

D3791-1, D3793-1, D3793-3, D3794-1, D3794-3

- 6) DO NOT REVISE D350-636-011/-012/-013/-014 ESTIMATES. KEEP UNDER REVIEW

Added DSI 9413-011 + labels to CHG 004

D350-636-011

38458, 38540, 38542, 38543

D350-636-012

39231, 39232

D350-636-013

38728, 38729, 38852, 38854, 38855,
38856, 39191, 39192, 39193

D350-636-014

38730, 38731, 38189